

Abstract

5 A disposable absorbent article has a nanofabricated attachment means having adhesive hairs disposed on a substrate wherein the hairs are effective to adhesively engage an opposing surface having a polymeric film or a fibrous web. In another embodiment, the absorbent article has a gecko-like fastener including a substrate and a plurality of adhesive hairs arising from the substrate having a base section, midsection, and top section, a height of about 0.5 microns to about 8 millimeters, and a diameter greater than about 0.05 microns.